

FIG. 2

Figure 1 consists of 12 histograms arranged in a single column. Each histogram represents the distribution of the number of non-zero elements in the vector x for a specific value of n . The values of n are 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, and 120, from top to bottom. The x-axis for each histogram is labeled 'Number of non-zero elements' and ranges from 0 to 120. The y-axis is labeled 'Frequency' and ranges from 0 to 10. The histograms show that as n increases, the distribution of non-zero elements shifts to the right, with the peak frequency increasing and the range of non-zero elements expanding.

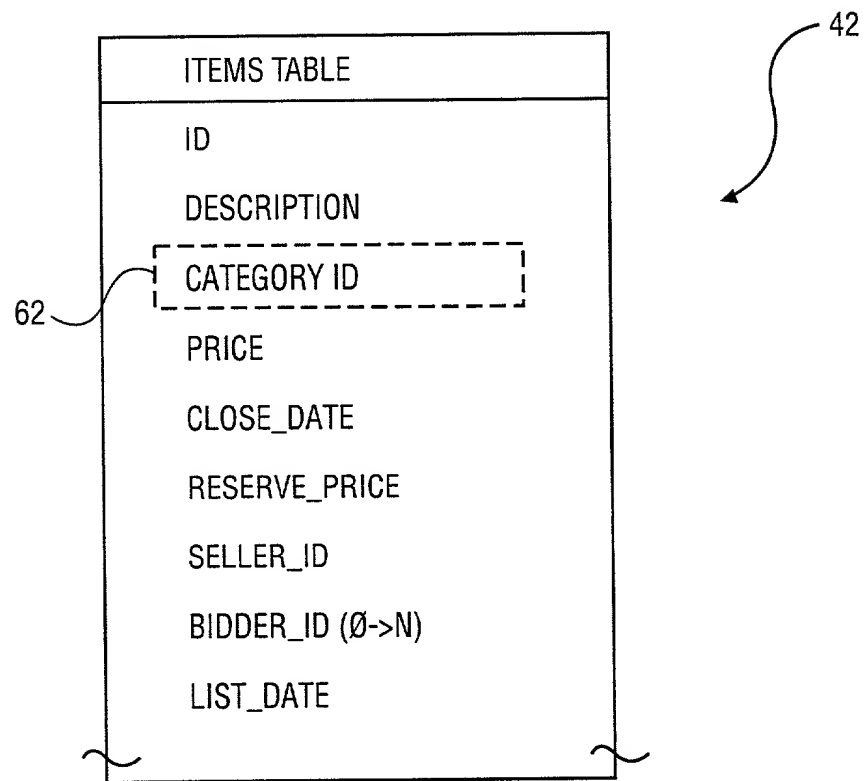


FIG. 3

CATEGORY TABLE							
NAME 74		ID 72	ACTUAL_CATEGORY 86	LEVEL1 78	LEVEL2 80	LEVEL3 82	IS_LEAF 76
90 ACTUAL CATEGORY	PASSENGER	50	Ø				N
	FORD	2000	Ø	50			N
	TAURUS	8000	Ø	2000	50		Y
	MODEL T	8500	Ø	2000	50		Y
92 VIRTUAL CATEGORY	CARS	51	Ø				N
	FORD	2001	Ø	51			N
	TAURUS	8001	8000	2001	51		N
94 VIRTUAL CATEGORY	VINTAGE CARS	52	Ø				N
	FORD	2002	Ø	52			N
	MODEL T	8502	8500	2002	52		N

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FIG. 5

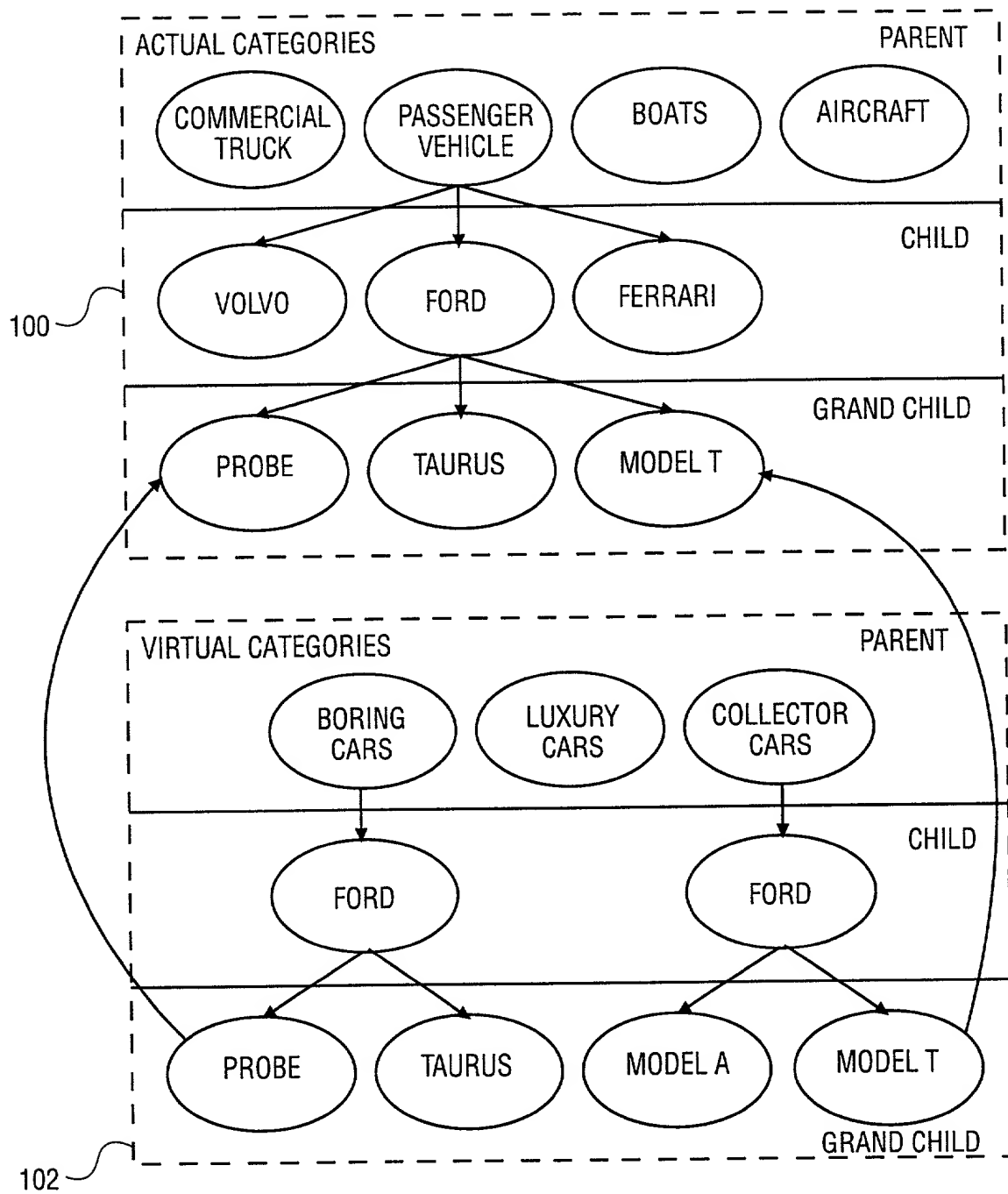


FIG. 6

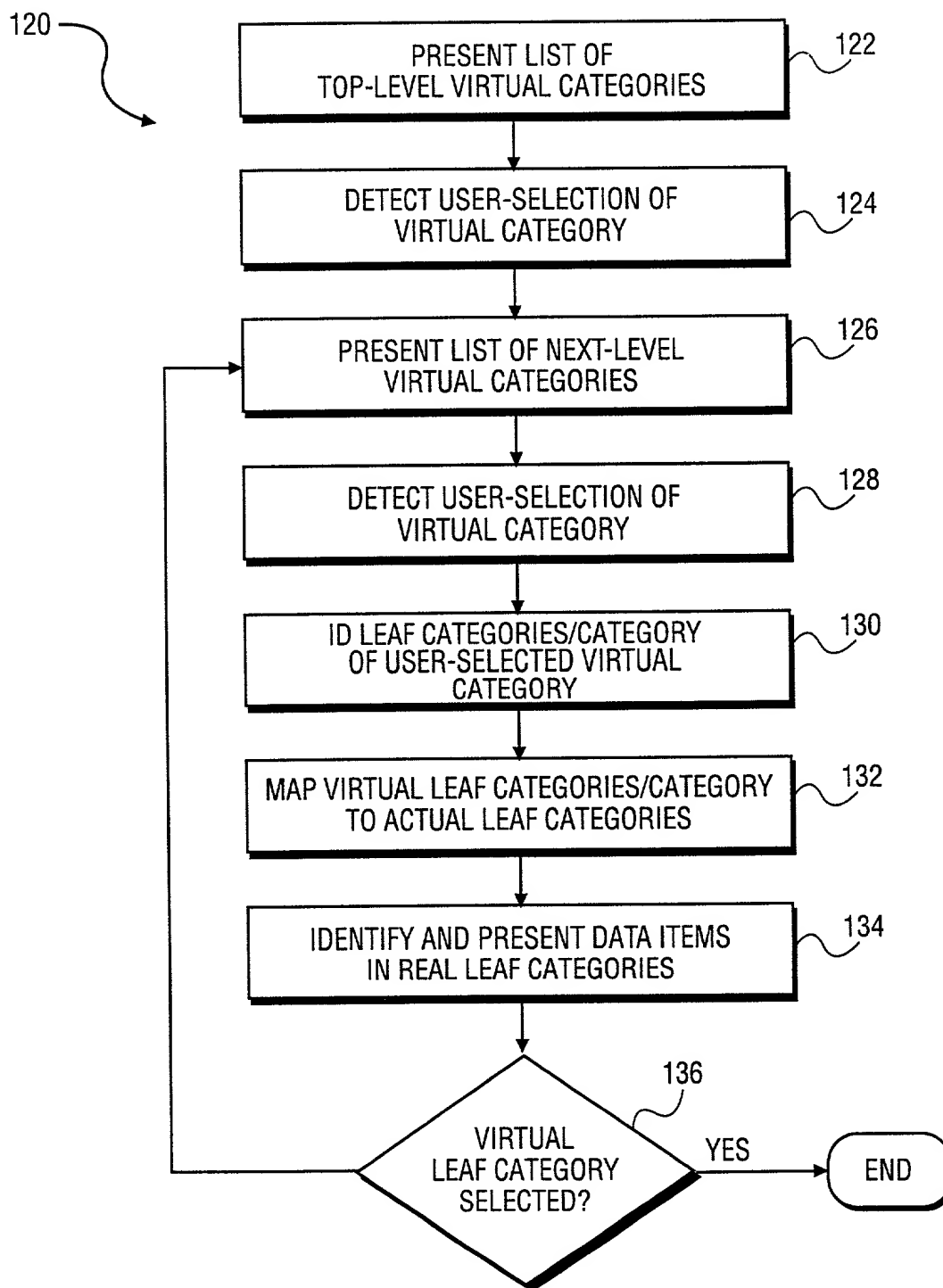
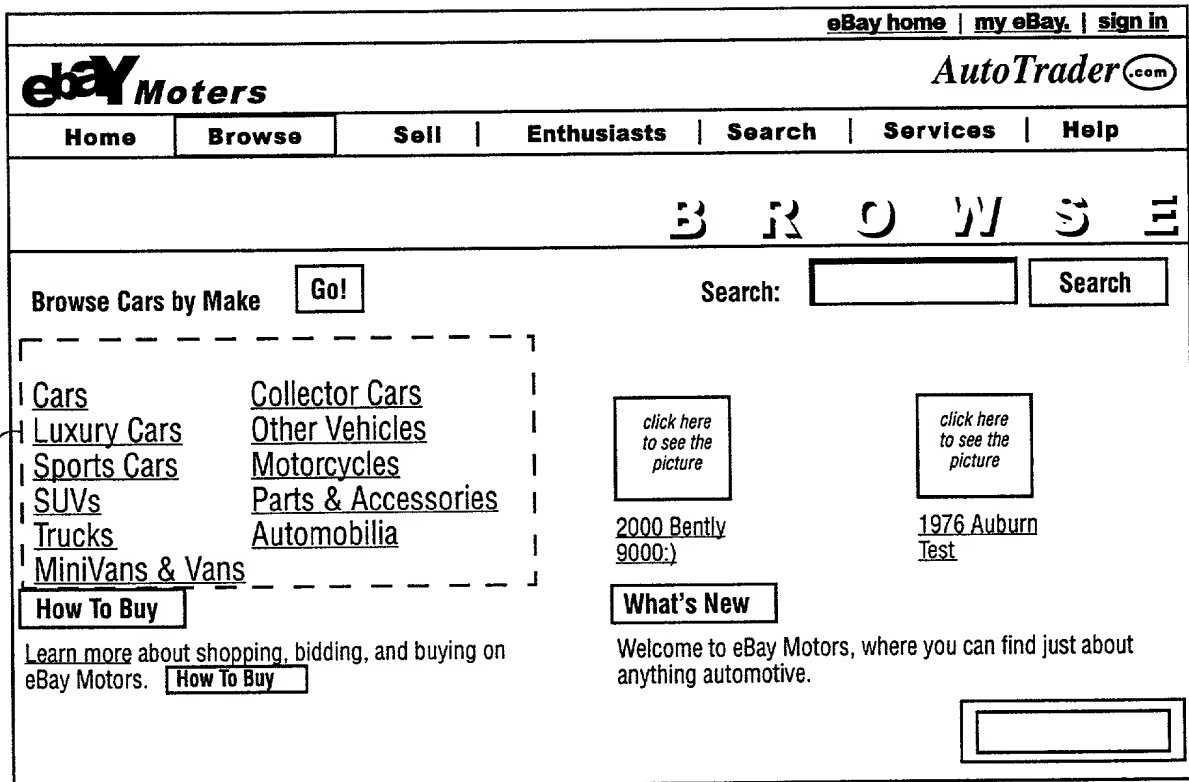


FIG. 8

140



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FIG. 9A

Search:

Search

☐ Search titles and description More Options...

Home : Browse : Cars : Ford

Featured Ford



*click here
to see the
picture*

*click here
to see the
picture*

*click here
to see the
picture*

- Financing
- Inspections
- Collector Car Insurance
- Vehicle Shipping
- Escrow

Ford : Other Models

Ford : Probe

Ford :
Thunderbird

Ford : Escort

Browse

Aspire (9)

Crown Victoria (9)

Escort (9)

Fairlane (9)

Fairmont (9)

Falcon (9)

Galaxie (9)

Model A (9)

Model T (9)

Mustang (13)

Probe (9)

Taurus (9)

Tempo (9)

Thunderbird (9)

Other Models (9)

Items in Ford

View: [Current](#) | [New Today](#) | [Ending Today](#) | [Going, Going, Gone](#)

Show items located in:

Picture	Make - Model	Mileage	Year	Price	Bids	Ends PDT
click here to see the picture	<u>Ford : Probe</u>	123	2000	\$1.00	-	Apr 17 20:36
	Automated Test 4/07/00					
click here to see the picture	<u>Ford : Taurus</u>	123	2000	\$1.00	-	Apr 17 20:37
	Automated Test 4/07/00					
click here to see the picture	<u>Ford : Tempo</u>	123	2000	\$1.00	-	Apr 17 20:37
	Automated Test 4/07/00					
click here to see the picture	<u>Ford : Thunderbird</u>	123	2000	\$1.00	-	Apr 17 20:37
	Automated Test 4/07/00					
click here to see the picture	<u>Ford : Other Models</u>	123	2000	\$1.00	-	Apr 17 20:37
	Automated Test 4/07/00					

FIG. 9C

Search:

Search

☐ Search titles and description More Options...

Home : Browse : Cars : Ford: Taurus

Featured Taurus

*click here
to see the
picture*

*click here
to see the
picture*

*click here
to see the
picture*

*click here
to see the
picture*

- Financing
- Inspections
- Collector Car Insurance
- Vehicle Shipping
- Escrow

Ford : Taurus

Ford : Taurus

Ford : Taurus

Ford : Taurus

Browse

Items in Taurus

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View: [Current](#) | [New Today](#) | [Ending Today](#) | [Going, Going, Gone](#)

Show items located in:

Picture	Make - Model	Mileage	Year	Price	Bids	Ends PDT
click here to see the picture	<u>Ford : Taurus</u>	123	2000	\$1.00	-	Apr-17 19:00
	sub-title					
click here to see the picture	<u>Ford : Taurus</u>	123	2000	\$1.00	-	Apr-17 19:58
	sub-title					
click here to see the picture	<u>Ford : Taurus</u>	123	2000	\$1.00	-	Apr-17 20:16
	sub-title					
click here to see the picture	<u>Ford : Taurus</u>	123	2000	\$1.00	-	Apr-17 20:34
	sub-title					
click here to see the picture	<u>Ford : Taurus</u>	123	2000	\$1.00	-	Apr-17 20:51
	sub-title					
click here to see the picture	<u>Ford : Taurus</u>	123	2000	\$1.00	-	Apr-17 20:37
	Automated Test 4/07/00					

FIG. 9D

FIG. 10A

Visit [How to Sell](#) in the [Help](#) section for selling tips.

Inspection makes your car more valuable to bidders and can improve your results. Click on the Inspection button for details.

[How to sell](#)

[Inspection](#)

Selling a Passenger Vehicle?
(Cars, Pickups, SUV's, Minivans...)

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Select Make: ▾

Continue Listing >

Selling a Motorcycle?

Select Make: ▾

Continue Listing >

Selling Other Vehicles?
(Commercial Trucks, Boats, Aircraft, Scooters...)

Select Type: ▾ 164

Continue Listing >

Selling Parts or Accessories?
(Includes Apparel, Tools, Manuals...)

Select Type: ▾

For Parts or Accessories
Select Related Make: ▾

Continue Listing >

Selling Automobilia?
(License Plates, Pins, Patches...)

Select Type: ▾

Continue Listing >

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FIG. 10A

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Item Information	
------------------	--

User ID or Email address

Password (forgotten it?)

172

CL	▼
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if "All/Other Models" please specify

(optional)

Please choose one

optional

Required for Saturn inspections. Otherwise optional, but strongly recommended due to high importance to buyers.

What is a VIN?

☒ Clear (most titles) ☐ Salvage ☐ Other (specify in Description)

Title

Clear (most titles) - Salvage - Other (specify in Description)

□

miles (If in kilometers please convert to miles)
ex. 45,000

Exterior

Please choose one

Interior

Please choose one

Please choose one

Cylinders

Where do I find this?

Automatic ▾

2 doors

☒ Used ☐ New

How do I find this out? ☒ Used ☐ New

☒ None ☐ Saturn ☐ Other (Specify in description)

FIG. 10B

How can I get my vehicle inspected?

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Options
How do I find this out?

- ☐ Air conditioning
- ☐ Convertible
- ☐ Cruise Control
- ☐ Sunroof
- ☐ Cassette

- ☐ CD Player
- ☐ 4 Wheel Drive
- ☐ Leather Seats

Airbags

- ☐ Driver Airbag
- ☐ Passenger Airbag
- ☐ Side Airbags

Power Options

- ☐ Anti Lock Brakes
- ☐ Power Locks
- ☐ Power Seats
- ☐ Power Windows

Is There an Existing Warranty?
How do I find this out?

- ☒ No
- ☐ Yes (specify Year/Mileage warranty expiration in Item Description)

Items Subtitle

Title Tips

45 characters max
Include vehicle highlights here like no reserve, low miles, great condition.
Make, model, year are automatically included in the listings.
Do not include HTML tags, asterisks, or quotes, as they interfere with Search.

Item Description

Enter additional description
We recommend reading our Description Tips

You can use basic HTML tags to spruce up your listing

You can add links to additional photos, but enter your primary photo in the Picture URL below.

Note: If you want more than one photo for your item, insert its URL (web address) in the Description section in the following format:

Gallery / Picture

http://

URL Please use only .jpg, bmp or tif files. **gif files will not appear.**

optional For best results, use an image that is at least 250 pixels wide.

Why we recommend using a photo This picture will appear in listings as a gallery thumbnail and in the item description. This options is free!

It's easy! Learn the basics in the [tutorial](#), and enter your URL (web address) here.

Item Location

Enter Item location and region if item is located in the United States

Learn more about regional setting

City, State (e.g., San Jose, CA)

Choose the region nearest to you

"Go Local" Regions (US items only)

United States

Country

Make your item stand out and get more bids! Try these winning options.

FIG. 10C

eBay Featured
[Details](#)

☐ \$99.95 charge

Gallery Featured
[Details](#)

☐ \$99.95 charge

Category Featured
[Details](#)

☐ \$14.95 charge

Boldface Title
[Details](#)

☐ \$4.00 charge

Listing Icon
[Details](#)

\$2.00 charge

- ☒ No Icon ☐ [US Flag] ☐ [Checkered Flag] ☐ [4X4] ☐ [Gift]
☐ [Graduation]

Auction Information

Payment Methods

Choose all that you will accept. Enter specific payment information
Item Description

- ☐ Money Order/Cashiers Check ☐ Personal Check ☐ Visa/MasterCard
☐ COD (collect on delivery) ☐ Discover ☐ American Express
☒ See Item Description ☐ Other

Escrow
[learn more](#)

- ☐ I will accept escrow, buyer pays (recommended)
☐ I will pay for escrow
☒ I will not accept escrow (if selected, the Escrow section will not appear on the item listing)

Where Will You Ship Your Vehicle?
[See tips on shipping](#)

- ☒ Will ship to United States only
☐ Will ship internationally (worldwide)
☐ Will ship to United States and the following regions: (Check all that apply)
☐ Canada
☐ Europe
☐ Australasia
☐ Asia
☐ South America
☐ Africa
☐ Mexico and Central America
☐ Middle East
☐ Caribbean

☐ Will not ship

Who Pays For Shipping?

- ☐ Seller Pays Shipping ☐ Buyer Pays Fixed Amount.
☐ Buyer Pays Actual Shipping Cost ☒ See Item Description

Starting Bid
[See tips on setting starting bid amounts](#)

(e.g., 2.00 - Please do not include commas or currency symbols, such as \$.)

FIG. 10D

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Auction Duration days

Reserve Price
optional
[See tips on setting Reserve Prices.](#) (e.g., 15.00 - Please do not include commas or currency symbols, such as \$.)
Careful! Reserve Auction fees will apply if you item does not sell. [Learn more](#)

Private Auction? ☐ Yes, this is a private auction.
optional
[Private Auction Details](#) Don't use this unless you have a specific reason.

Press "Continue" to preview the item and review fees. You will not incur any fees until you accept the terms disclosed in the next screen.

Continue	Clear form and start over
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Note: If the Back button on your browser erases your information on this form, [learn how to fix this](#).

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FIG. 10E

